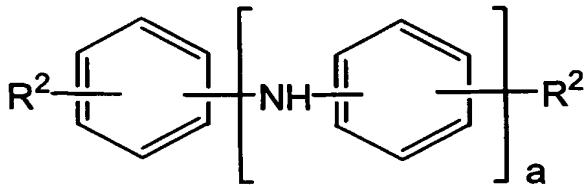


## CLAIMS

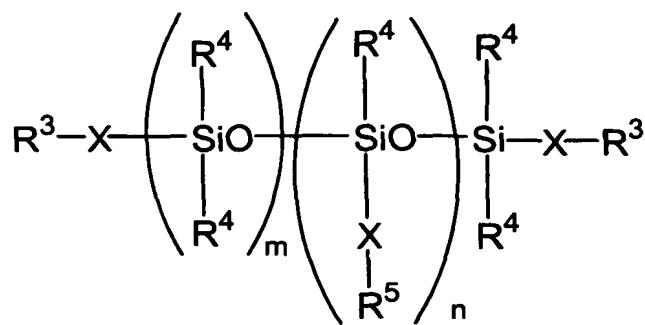
1. A silicone-based pressure-sensitive adhesive comprising:
  - (A) a product of partial condensation of constituents (a) and (b) or a mixture of constituents (a) and (b), where constituent (a) is a crude rubber-like organopolysiloxane having an average of at least one alkenyl group per molecule, and constituent (b) is an organopolysiloxane resin consisting essentially of  $R^1_3SiO_{1/2}$  units where  $R^1$  is a substituted or unsubstituted univalent hydrocarbon group, and  $SiO_{4/2}$  units, and where the mole ratio of  $R^1_3SiO_{1/2}$  units to  $SiO_{4/2}$  is in the range of 0.5 to 1.5;
  - (B) an organopolysiloxane having an average of at least two silicon-bonded hydrogen atoms per molecule, where the silicon-bonded hydrogen atoms are present in an amount of 0.5 to 150.0 moles per one mole of alkenyl groups in component (A) ;
  - (C) an aromatic amine compound and/or an organopolysiloxane containing aromatic amino groups, in an amount of 0.001 to 10 parts by weight for each 100 parts by weight of component (A) ; and
  - (D) a platinum catalyst in an amount sufficient to cure the adhesion.

2. A silicone-based pressure-sensitive adhesive according to Claim 1 in which the aromatic amine compound of component (C) has a general formula:



- where each R<sup>2</sup> group is H, OH, or a univalent hydrocarbon group; and a is an integer equal to at least one.

3. A silicone-based pressure-sensitive adhesive according to Claim 1 in which the organopolysiloxane of component (C) has a general formula:



where  $R^3$  is a substituted or unsubstituted univalent hydrocarbon group or an aromatic amino group;  $R^4$  is a substituted or unsubstituted univalent hydrocarbon group;  $R^5$  is an aromatic amino group;  $X$  is a single bond, an oxygen atom, an alkylene group, or an alkyleneoxy group;  $m$  is a positive number,  $n$  is zero or a positive number; provided that when  $n$  is zero, at least one of the  $R^3$  groups is an aromatic amino group .

- 5 4. A silicone-based pressure-sensitive adhesive according to Claim 1 in which further comprising at least one curing reaction adjuster.
- 10 5. A silicone-based pressure-sensitive adhesive according to Claim 1 in which further comprising at least one solvent for components (A) through (D).
6. An adhesive tape comprising a support film and a pressure-sensitive adhesive layer in which the adhesive layer is formed by curing a silicone-based pressure-sensitive adhesive according to Claim 1.